



Project No: AFC 001 23 BCC
Project: Vandenberg AFB Supp. RI
Client: AFCEE
Location: Site 2
Northing: 2104893.3

Borehole ID: HP-8
Date: 02/14/2001 **(2MW-12)**

Geologist: S. Zettle
Checked By: D. Smith, R.G.
Ground Surface Elevation: 475.79
Easting: 5799752.4

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts (per 6")	PID (ppm)		
5		Clayey sand Pale brown, moist, medium dense, 60% sand, 25% clay, 15% silt; fill ?	SC	473					
10		Silty sand with clay Moderate yellowish brown, moist, loose, 60% fine grained sand, 25% silt, 15% clay; fill ?	SM	468					
15		Silty clay with sand Dark yellowish orange, moist, stiff, 60% clay, 30% silt, 10% sand	CL	464			0		
20		Silty clay Moderate yellowish brown, moist, stiff, 70% clay, 30% silt; weathered mudstone ?							
35		unit becomes pale yellowish brown, very stiff, fractured, iron staining present, 60% clay, 30% silt @ 35' bgs			100	5\10\10	0		
40		color changes to grayish brown @ 36' bgs, 3" organic lense			100	4\6\10	0		
45		unit becomes pale yellowish brown @ 40' bgs			100	5\7\12	0		
50		unit becomes slightly moist, some iron staining present @ 55' bgs			100	5\5\12	0		
55		unit becomes moist @ 61' bgs			100	5\7\14	0		
60		black chert zone @ 66' bgs			100	7\7\20	0		
65		TOTAL DEPTH DRILLED = 66.5' BGS		409	100	6\20\11	0		
70									Hard drilling @ 62.5' bgs
75									Chert @ 66' bgs
80									First encountered groundwater @ 66.5' bgs

Drilled By: V & W Drilling

Drill Method: HSA

Drilling Equipment: Mobile B61

Sampling Equipment: Soil: 2" stainless steel lined CA modified split spoon sampler ; Water: Hydropunch

HydroGeoLogic, Inc.
4600 Northgate Blvd., Suite 207
Sacramento, CA 95834
(916) 614-8770 Fax: (916) 614-8775

Boring Diameter: 6" O.D.

Total Depth Drilled: 66.5' bgs

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